

ABSTRACT

5 Provided are a quartz glass crucible for pulling up a silicon single crystal, with which not only a defectless silicon single crystal can be pulled up but a single crystallization ratio can greatly be improved, and a production method therefor.

10 The quartz glass crucible comprises a crucible base body constituted of a semi-transparent quartz glass layer and a transparent quartz glass layer formed on the inner wall surface of the crucible base body and no expanded bubbles equal to or more than 0.5 mm in diameter are present in a layer 1 mm in depth from an inner surface of the quartz glass crucible after the silicon single crystal is pulled up using the quartz glass crucible.